Technical Information Bulletin

SUBJECT: Preventative Maintenance Schedules **Document No.: 20087**

[ ] Factory Modification [ ] Field Modification [ ] Safety Information [ ] Technical Information [X] General Information [ ] Adv. Tech Information	Applies to: All Model Risographs	Modification Schedule: [ ] TBS [ ] Next Call [ ] Next PM [X] As Necessary	Factory Installed_____ Field Installed_____ FittingTime _____

Summary: To insure the end user of high level machine reliability, RISO, Inc. recommends following the enclosed Preventative Maintenance Schedules.

Note: RISO, Inc. recommends visiting each machine every two months. Technicians should use the Total Call Procedure on each visit.

Procedure: Please make copies of the enclosed PM schedules and forward them to each Technician.

Enclosures:
PM Schedule (GR)
PM Schedule (TR/CR)
PM Schedule (RG & RC)

PREVENTATIVE MAINTENANCE SCHEDULE RECOMMENDATIONS (GR)

AREA	1700/1750	2700/2710/2750	3710/37503770	DESCRIPTION	0.5M	1.0M	1.5M	2.0M	2.5M	3.0M	REMARKS
FIRST PAPER FEEDING AREA	006-11332	006-11332	006-11332	PICKUP ROLLER CORE			O			O	WET
	011-11821	011-11821	011-11821	RUBBER ROLLER V; PICKUP	O	O	O	O	O	O	WET
	019-11714-007	019-11714-007	019-11714-007	STRIPPER COVER	O	O	O	O	O	O	IPA / DRY
	019-11711-008	019-11711-008	019-11711-008	STRIPPER SHEET	O	O	O	O	O	O	IPA / DRY
SECOND PAPER FEED AREA	006-11301	006-11301	014-11303	TIMING ROLLER			#			#	WET / !
	011-11301	011-11301	014-11301	GUIDE ROLLER			#			#	IPA / DRY
	002-11210	002-11210	002-11210	LOAD SPRING; GUIDE RLR		*	X		*	X	SC
	006-11305	006-11305	006-11305	ONE-WAY SPRING		*	X		*	X	SC
	006-11303	006-11303	006-11303	GEAR; GUIDE ROLLER		*	X		*	X	SC
PAPER RECEIVING AREA	000-01515	000-01515	000-01515	COLLAR; SEPARATOR		O		O		O	
	019-13301-109	019-13301-109	019-13301-109	SEPARATOR II						O	
	011-13220	011-13220	011-13220	TRANSFER BELT						O	
PRESSURE & DRIVE MECHANISM AREA	011-91421	011-91421	014-91420	PRESSURE ROLLER ASSY.			#			O	WET / !
	019-91228-000	019-91228-000	019-91228-000	MAIN PULLEY; MAIN SHAFT						O	
	620-97506-006	620-97506-006	620-97506-006	BELT; 750-3GT-6						O	
	620-78309-003	620-78309-003	620-78309-003	MAIN DRV BLT; 830-5GT-11		+		+		O	SC
PRINT CYLINDER AREA	000-01169	000-01169	000-01169	SUPPORTER ROLLER; DRUM			X			X	
	620-21209-002	620-21209-002	620-21209-002	SQ.BELT; B120M X L-9.5			X			X	
	000-02254	000-02254	000-02254	INK BLOCK PLATE (FR)		+		+		O	
	000-02255	000-02255	000-02255	INK BLOCK PLATE (BK)		+		+		O	
	011-12142	011-12142	014-12116	INK BLOCKING SHEET			O			X	
	002-12134	002-12134	N/A	STICKER SHEET		O		O		O	WET
	017-92231	017-92231	019-92200-002	UNIT/SQUEEGEE						#	IPA / DRY
ADF AREA	017-16612	N/A	N/A	SHADING SHEET	#	#	#	#	#	#	AIR / DRY
	N/A	018-16516	018-16516	READ ROLLER		#		#		O	SC
	017-16533	018-16540	018-16540	PICKUP ROLLER		#		#		O	
	017-16535	017-16535	017-16535	STRIPPER ROLLER		#		#		O	
	017-16601	018-16574	018-16574	PICKUP PAD		#		#		O	SC
	017-16539	018-16501	018-16501	ORIGINAL STRIPPER PAD		#		#		O	SC
MASTER MAKING AREA	011-95077	011-95077	014-95076	WRITE ROLLER			O			O	! / SC
	017-95044 (1700)	017-95042 (2750)	019-95037-056 (70)	THERMAL PRINT HEAD		#		O		#	IPA/DRY/SC
	017-95042 (1750)	017-95043 (2710	019-95305-002 (50)	THERMAL PRINT HEAD							
		017-95043 (2700	019-95038-052 (10)	THERMAL PRINT HEAD							
	017-95303	017-95303	019-95300-105	UNIT/CUTTER						O	SC
MASTER REMOVAL AREA	007-17121	007-17121	007-17121	MAST. RMV. HOOK; A4			#			#	DRY / SC
	017-14141	017-14141	019-24119-000	VERT. TRNSPRT RLR (UP)						O	

LEGEND

X = REPLACE
O = CHECK AND REPLACE
+ = CHECK AND ADJUST
# = CHECK AND CLEAN
* = LUBRICATE
! = DUST LIGHTLY WITH POWDER

AIR = CLEAN WITH AIR BRUSH
DRY = CLEAN WITH DRY CLOTH
IPA = ISOPROPHL ALCOHOL
IPA/DRY = CLEAN WITH IPA CLOTH/THEN DRY CLOTH
SC = ITEMS STANDARD AT EVERY SERVICE CALL
WET = CLEAN WITH WET CLOTH

ASSUMPTIONS:

M = MILLION COPIES
AVG = 55 COPIES/ORIGINAL
INK = 10,000 COPIES/BOTTLE

NOTE: CLEAN ALL PHOTO SENSORS WITH AN AIR BRUSH OR SOFT DRY CLOTH AT EVERY SERVICE CALL

PREVENTATIVE MAINTENANCE SCHEDULE RECOMMENDATIONS (TR/CR)

AREA	PART#	DESCRIPTION	0.5M	1.0M	1.5M	2.0M	2.5M	3.0M	3.5M	4.0M	4.5M	5.0M	5.5M	6.0M	REMARK
FIRST PAPER FEEDING AREA	003-26306-100	PICKUP ROLLER	0	0	0	0	0	0	0	0	0	0	0	0	WET
	020-11711-009	STRIPPER PAD	0	0	0	0	0	0	0	0	0	0	0	0	IPA
	020-11721-004	STRIPPER PAD; BLACK	0		0	0	0	0	0	0	0	0	0	0	IPA
	020-11520-009	L.O. SHEET			0	0				0				0	
	443-32001-008	(PAPER DETECTION SENSOR)	0	0	0	0	0	0	0	0	0	0	0	0	AIR
SECOND PAPER FEED SECTION	020-11303-008	GUIDE ROLLER						0						0	WET
	020-11302-001	TIMING ROLLER						0						0	WET
	020-11310-004	TIMING CAM		*		*		*		*		*		*	LUBE
	020-11311-108	SECTOR GEAR; ADJ.		*		*		*		*		*		*	LUBE
	020-60013-104	PAPER SENSER	0	0	0	0	0	0	0	0	0	0	0	0	AIR
DRIVE/PRESSURE SECTION	020-11201-108	INTERMEDIATE GEAR						0						X	
		PRESSURE ADJUSTMENT						$						$	
	020-11238-109	PRESSURE ROLLER;A4		0		0		0		0		0		X	WET
PAPER RECEIVING SECTION	020-11243-102	ARM;SEPARATOR						0						0	WET
	020-11260-007	SEPARATOR												0	WET
	443-32002-004	RECEIVING SENSOR	0	0	0	0	0	0	0	0	0	0	0	0	AIR
DRUM SECTION	020-12536-103	INK BLOCKING PLATE (FRONT)												0	
	020-12537-100	INK BLOCKING PLATE (BACK)												0	
	020-98009-054	UNIT/SQUEEGEE												0	IPA
		DRUM BODY					0					0			
MASTER MAKING		MASTER COUNT	10K	20K	30K	40K	50K	60K	70K	80K	90K	100K	110K	120K	
CLAMP	020-12706-106	CLAMP OPEN ARM												O	
MASTER REMOVAL SECTION	020-14018-100	COMPRESSING PLATE												O	
	628-21520-008	TRANSFER BELT												0	
	020-12707-106	MASTER RELEASE ARM												0	
	020-60006-108	MASTER SENSOR III	0	0	0	0	0	0	0	0	0	0	0	0	DRY
ADF AREA	020-15510-008	SHADING SHEET	0	0	0	0	0	X	0	0	0	0	0	X	IPA
	020-60008-003	ORIGINAL IN SENSOR	0	0	0	0	0	0	0	0	0	0	0	0	AIR
		SCANNER	0	0	0	0	0	0	0	0	0	0	0	0	IPA
MASTER MAKING	020-98006-055	TPH ASSEMBLY	0	0	0	0	0	0	0	0	0	0	0	0	IPA

X = REPLACE
O = CHECK AND CLEAN
$ = CHECK AND ADJUST
 # = CHECK AND CLEAN
*** = LUBRICATE**

DRY = CLEAN WITH DRY CLOTH
WET = CLEAN WITH WET CLOTH
IPA/DRY = CLEAN WITH IPA CLOTH/THEN DRY CLOTH
AIR = CLEAN WITH AIR BRUSH
IPA = ISOPROPHL ALCOHOL

ALL PHOTO SENSORS : CLEAN WITH AIR BRUSH OR SOFT DRY CLOTH AT EVERY SERVICE CALL

1/8/99 T R / CR Preventative Maintenance Schedule recommends you check equipment every other month

PREVENTATIVE MAINTENANCE SCHEDULE RECOMMENDATIONS (RG & RC)

AREA	PART NUMBER RG	PART NUMBER RC	DESCRIPTION	0.5M	1.0M	1.5M	2.0M	2.5M	3.0M	REMARKS
FIRST PAPER FEEDING AREA	011-11817	011-11817	ASS'Y/PICKUP ROLLER II (CORE)						O	WET
	011-11818	011-11818	RUBBER ROLLER II; PICKUP	O	O	O	O	O		WET
	002-11535	006-11516	STRIPPER PAD	O	O	O	O	O	O	IPA / DRY
	002-11637	011-11516	L.O. SHEET						X	
SECOND PAPER FEEDING AREA	002-11411	011-11301	GUIDE ROLLER			#			#	IPA / DRY
	002-11415	011-11301	TIMING ROLLER			#			#	WET!
	002-11210	002-11210	LOAD SPRING; GUIDE ROLLER		*		*		*	
	N/A	006-11305	ONE-WAY SPRING		*		*		*	
	002-11413	006-11303	GEAR; GUIDE ROLLER		*		*		*	
PAPER RECEIVING AREA	000-01515	000-01515	COLLAR; SEPARATOR		O		O		O	
	007-13123	011-13312	SEPARATOR						O	
	620-00000-101	N/A	TRANSFER BELT; 2-195						O	
PRESSURE & DRIV	006-91320	011-91420	ASS'Y/PRESSURE ROLLER			#			O	WET!
MECHANISM AREA	002-11211	011-91227	UNIT/MAIN SHAFT; SU						O	
	620-05050-001	N/A	BELT; 420-5M-13 KEBLAR CORD						O	
	620-05240-005	620-48309-009	DRIVE TIMING BELT						O	
DRUM AREA	002-12126	N/A	LIGHT ABSORBER STRIP	#	#	#	#	#	#	DRY
	002-12132	N/A	ROLLER STARTER;R7				X			
	002-12133	N/A	LIGHT ABSORBER STRIP 17	#	#	#	#	#	#	DRY
	000-01169	000-01169	SUPPORT ROLLER; DRUM			X			X	
	002-12235	620-21209-002	SQUEGEE BELT			X			X	
	002-12315	N/A	INK CUSHION; B			X			X	
	000-02254	000-02254	INK BLOCKING PLATE (FRONT)						O	
	000-02255	000-02255	INK BLOCKING PLATE (BACK)						O	
	002-12134	002-12134	STICKER SHEET	O	O	O	O	O	O	WET
	007-12121	011-14111	MASTER HOLDER	O	O	O	O	O	O	
	002-92200		SQUEEGEE UNIT						#	IPA / DRY
ADF AREA	005-22146	N/A	READ ROLLER (FOR RG2500.2700)					O		IPA / DRY
	009-35210	N/A	READ ROLLER (A3) (FOR RG3500)					O		IPA / DRY
	005-22186	N/A	EXIT SUPPORT ROLLER			X			X	
	005-22138	011-96116	ORIGINAL FEED ROLLER					O		WET
	000-06115	N/A	ORIGINAL FEED PLATE					O		
	N/A	011-96102	SHADING COMPENSATION WHITE SH	#	#	#	#	#	#	IPA
			IMAGE SCANNER	#	#	#	#	#	#	AIR / IPA
MASTER MAKING AREA	007-15362	011-95075	WRITE ROLLER			O			O	!
	007-95750	011-95035	THERMAL HEAD UNIT		O		O		O	IPA / DRY
	007-98540	011-15102	UNIT/CUTTER						O	
MASTER REMOVA AREA	002-14125	N/A	SPONGE (D) ROLLER (VERT.DISP.ONLY)			X			X	
	007-17121	007-17121	MASTER REMOVAL HOOK			#			#	DRY
		011-14432	VERTICAL TRANSPORT ROLLER (UP)						O	

LEGEND
X = REPLACE
O = CHECK AND REPLACE
+ = CHECK AND ADJUST
 # = CHECK AND CLEAN
*** = LUBRICATE**
! = DUST LIGHTLY WITH POWDER

AIR = CLEAN WITH AIR BRUSH
DRY = CLEAN WITH DRY CLOTH
IPA = ISOPROPHL ALCOHOL
IPA/DRY = CLEAN WITH IPA CLOTH/THEN DRY CLOTH
SC = ITEMS STANDARD AT EVERY SERVICE CALL
WET = CLEAN WITH WET CLOTH
NOTE: CLEAN ALL PHOTO SENSORS WITH AN AIR BRUSH OR SOFT DRY CLOTH AT EVERY SERVICE CALL

ASSUMPTIONS:
M =1,000,000 COPIES
AVE = 55 COPIES/ORIGINAL
INK = 10,000 COPIES/BOTTLE